

INTERNATIONAL SEARCH REPORT

ational Application No

PC1/GB2005/001131

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 E21B33/138

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E21B C09K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 380 138 B1 (ISCHY NOEL DAVID ET AL) 30 April 2002 (2002-04-30) column 6, line 38 - column 7, line 6; claims 1,8,9; figures 1,2,3a	1-6
X	US 2 728 395 A (HOWARD GEORGE C) 27 December 1955 (1955-12-27) column 3, line 35 - line 66; figure 1	1,5,6
X	US 3 480 079 A (JERRY H. GUINN ET AL) 25 November 1969 (1969-11-25) column 4, line 26 - line 37	1,3,5,6
X	FR 2 122 311 A (IFP INSTITUT FS PETROLE; INSTITUT FS PETROLE CARB LUBRIF,FR) 1 September 1972 (1972-09-01) page 6, line 3 - line 8; figure 1	1,3,5,6

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

3 August 2005

Date of mailing of the international search report

10/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Dantinne, P

INTERNATIONAL SEARCH REPORT

International Application No

Information on patent family members

PCT/GB2005/001131

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6380138	B1	30-04-2002	NONE	
US 2728395	A	27-12-1955	NONE	
US 3480079	A	25-11-1969	NONE	
FR 2122311	A	01-09-1972	FR 2122311 A5	01-09-1972